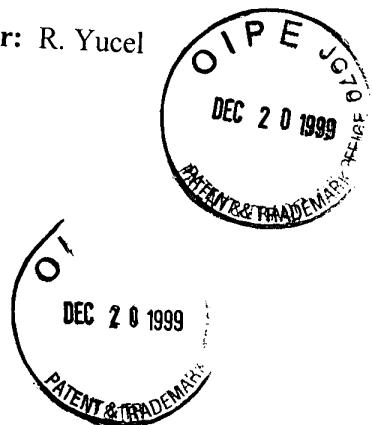


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Sean A. McCarthy
Serial No.: 09/009,802
Filed: January 20, 1998
For: Novel CRSP Protein and Nucleic Acid Molecules
and Uses Therefor
Attorney Docket No.: MEI-008 (formerly MEI-008-1)

Group Art Unit: 1636

Examiner: R. Yucel



Assistant Commissioner for Patents
BOX SEQUENCE
Washington, D.C. 20231

TRANSMITTAL LETTER FOR DISKETTE CONTAINING SEQUENCE LISTING

Dear Sir:

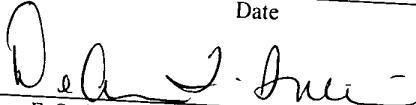
Enclosed is a diskette which contains a computer readable form of the Sequence Listing for the patent application filed on January 20, 1998. The Sequence Listing complies with the requirements of 37 C.F.R. § 1.821. The material on the enclosed diskette is identical in substance to the sequence listing appearing on substituted pages 75-101 submitted herewith. The computer readable form of the Sequence Listing contained on the enclosed diskette is understood to comply with the requirements of § 1.824(d).

Certificate of First Class Mailing (37 CFR 1.8(a))

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

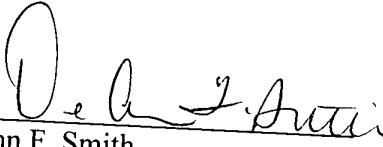
December 14, 1999

Date


DeAnn F. Smith

Registration No. 36,683

Respectfully submitted,
LAHIVE & COCKFIELD, LLP


DeAnn F. Smith
Registration No. 36,683
Attorney for Applicant